

CLAIMS

1. An apparatus for detecting and influencing the physiological and optionally pathological state of the human or animal body, comprising a housing (1) which has a first housing wall (1a) which, in turn, has an outer surface provided for placing against the body to be treated, with a rotor (4) being situated inside the housing (1) and being rotationally driven about an axis (4a) which is essentially perpendicular to the first housing wall (1a), and with first magnets (6) being arranged on the rotor (4) whose magnetic fields are oriented in the same direction which is parallel to the rotational axis, **characterized in that** at least one further magnet (5) is arranged substantially coaxially to the rotational axis (4a), which magnet is oriented in an opposite direction relative to the first magnets (6).
2. An apparatus according to claim 1, **characterized in that** the further magnet is attached in a stationary manner to the housing (1).
3. An apparatus according to claim 1, **characterized in that** the further magnet is attached in the central region of the rotor (4).
4. An apparatus according to one of the claims 1 to 3, **characterized in that** the first magnets are fastened in the region of radial rays (9) of the rotor (4) which have even angular distances.
5. An apparatus according to claim 4, **characterized in that** the angular distances are each 120°.
6. An apparatus according to one of the claims 4 or 5, **characterized in that** several first magnets (6) are arranged along each ray (9).
7. An apparatus according to one of the claims 4 or 5, **characterized in that** one first magnet (6) precisely is arranged along each ray (9).
8. An apparatus according to one of the claims 1 to 7, **characterized in that** the first magnets (6) and the further magnets (5) comprise pole faces (5a, 6a) which lie in a common plane (8) and are directly adjacent to the first housing wall (1a).
9. An apparatus according to one of the claims 1 to 8, **characterized in that** the rotor (4) is driven by a drive motor (7) which can be set to different speeds and rotational directions.

10. An apparatus according to one of the claims 1 to 9, **characterized in that** the first magnets (6) and the further magnet (5) are arranged as permanent magnets.
11. An apparatus according to one of the claims 1 to 9, **characterized in that** the first magnets (6) and the further magnet (5) are arranged as electromagnets.